

**Abstract**

A new class of general anti-fungal compounds extracted from pepper, ginger, and other plant species containing vanillyl (Fig. 3), and piperidine (Fig. 7) ring structures typical of the pungent principals found in pepper, and ginger. The role of these structures, their attached hydrocarbon groups, and other compounds found within the plant extract is demonstrated in the topical treatment of various superficial fungal infections.